Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 15 Sep 2020 until 23:59 on Wednesday 16 Sep 2020

Forecast Issued on Monday 14 Sep 2020 at 13:51

Confidence: High for fine conditions Tuesday, and also for cooler conditions to move in on Wednesday. Details regarding cloud amounts and also extent of mist and fog is low confidence. High confidence for benign conditions thereafter, and also for a fresh easterly wind to develop.

Headline for Tuesday 15 Sep 2020: Fine with good sunny spells. A little cloudier later, with perhaps the odd shower.

Mountain weather hazards on Tuesday 15 Sep 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Sunny intervals	Sunny intervals	Cloudy	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
00%	00%	00%	00%	<05%	10%	10%	20%

Forecast for Tuesday 15 Sep 2020

Weather: Clear skies overnight, with perhaps the odd patch of mist in the valleys. A fine day follows, with good spells of sunshine. Cloud will thicken a little through afternoon, but remain clear of all tops .Most routes staying dry, but a chance of isolated showers through the late afternoon or evening, perhaps thundery.

Chance of cloud free mountain/hill tops above 600m: 100% throughout, with any cloud well above the tops. Some mist patches possible in valleys at first, but quickly clearing.

Visibility: Good views from the tops, but likely rather hazy at times, limiting the clarity of distant hills.

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Forecast for Tuesday 15 Sep 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/15 SE	10/13 SE	11/14 SE	11/16 SE	7/11 SE	6/9 W	7/10 W	8/12 W	9/14 W
300	5/11 E	3/9 SE	4/8 E	5/12 E	4/7 S	4/7 W	5/8 W	6/10 W	7/11 W
Valley	7/12 E	7/11 E	7/12 E	5/11 E	3/6 SW	4/8 W	4/9 W	3/7 W	3/7 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/15	18/15	17/14	19/17	20/19	19/18	17/16	15/14	13/12
300	18/18	18/18	18/17	20/20	22/22	21/22	19/20	16/16	15/14
Valley	18/17	17/16	17/16	20/20	23/23	22/22	19/20	16/17	15/15
Freezing Level*	2800m	3500m	3600m	3400m	3400m	3500m	3400m	3300m	3300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Despite fine, warm and often bright conditions, it will still be worth taking a waterproofs just in case you get caught in a late shower. Feeling rather humid.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 14 Sep 2020	0.6mm	0.6mm	4.6mm

Forecast for Wednesday 16 Sep 2020

Weather: A rather dull start, with mist and fog likely across some lower levels, and cloud spreading south early morning obscuring some northern tops. Perhaps staying clearer in the south and east. Mist and fog clearing through the morning, with some brighter or sunny spells developing for all. Further cloud then spreading south across most hills, bringing an increasing risk of drizzle from late afternoon onward. Noticeably cooler than Tuesday.

Maximum wind: Northwesterly 10-15mph, becoming Northeasterly 15-20mph with gusts 25-30mph by the afternoon.

Chance of cloud free mountain/hill tops above 600m: 30% during the morning, with valley fog and also low cloud obscuring northern hills above 400m. The best chances in the southeast. Becoming 80% by the early afternoon, but soon falling to 40% during the evening as cloud thickens and spreads south, obscuring tops above 500m

Visibility: Periods of poor visibility are likely, especially at first and late in the day, with views very limited on the tops but also through some valleys. Some good views are likely, mainly late morning or early afternoon, before low cloud returns.

Temperature: **Valleys:** Plus 12 Celsius becoming Plus 16 Celsius
At 600m: Plus 12 Celsius
Freezing level: Above the summits.

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